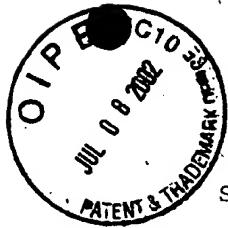


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TECH CENTER 1600/2900



SEQUENCE LISTING

<110> Millennium Pharmaceuticals, Inc.
McCarthy, Sean A.
Bossone, Steven

<120> SECRETED PROTEINS AND NUCLEIC ACIDS ENCODING THEM

<130> MBIO1997-018DV1ACN1M

<140> US 09/993,179

<141> 001-11-06

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cagtgtgatt catgatttggag gaaacgcgtc ctccatccctc tcttccttg gcactttcca 300
cacatgagga gaagaagagc ttctgttttag aagacacgtg cccagagtca gaggcccctt 360
gcccacc atg aag gga acc tgt gtt ata gca tgg ctg ttc tca agc ctg 409

Met Lys Gly Thr Cys Val Ile Ala Trp Leu Phe Ser Ser Leu
1 5 10

ggg ctg tgg aga ctc gcc cac cca gag gcc cag ggt acg act cag tgc 457
Gly Leu Trp Arg Leu Ala His Pro Glu Ala Gln Gly Thr Thr Gln Cys
15 20 25 30

cag aga aca ctc gag gtg aat att gtt tcc ccc agc tcc aag gca aca 505
Gln Arg Thr Leu Glu Val Asn Ile Val Ser Pro Ser Ser Lys Ala Thr
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Phe Ser Pro Ser
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35 40 45
Pro Ser
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tattgtatgac c atg aga tcc ctg ctc aga acc ccc ttc ctg tgt ggc ctg 170
Met Arg Ser Leu Leu Arg Thr Pro Phe Leu Cys Gly Leu
1 5 10
ctc tgg gcc ttt tgt gcc cca ggc gcc agg gct gag gag cct gca gcc 218
Leu Trp Ala Phe Cys Ala Pro Gly Ala Arg Ala Glu Glu Pro Ala Ala
15 20 25
agc ttc tcc caa ccc ggc agc atg ggc ctg gat aag aac aca gtg cac 266
Ser Phe Ser Gln Pro Gly Ser Met Gly Leu Asp Lys Asn Thr Val His
30 35 40 45
gac caa gag cat atc atg gag cat cta gaa ggt gtc atc aac aaa cca 314
Asp Gln Glu His Ile Met Glu His Leu Glu Gly Val Ile Asn Lys Pro
50 55 60
gag gcg gag atg tcg cca caa gaa ttg cag ctc cat tac ttc aaa atg 362
Glu Ala Glu Met Ser Pro Gln Glu Leu Gln Leu His Tyr Phe Lys Met
65 70 75
cat gat tat gat ggc aat aat ttg ctt gat ggc tta gaa ctc tcc aca 410
His Asp Tyr Asp Gly Asn Asn Leu Leu Asp Gly Leu Glu Leu Ser Thr
80 85 90
gcc atc act cat gtc cat aag gag gaa ggg agt gaa cag gca cca ctc 458
Ala Ile Thr His Val His Lys Glu Glu Gly Ser Glu Gln Ala Pro Leu
95 100 105
gag gtg aat att gtt tcc ccc agc tcc aag gca aca ttc agt cca agt 506

Glu Val Asn Ile Val Ser Pro Ser Ser Lys Ala Thr Phe Ser Pro Ser
110 115 120 125

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Gln Pro Gly Ser Met Gly Leu Asp Lys Asn Thr Val His Asp Gln Glu
35 40 45
His Ile Met Glu His Leu Glu Gly Val Ile Asn Lys Pro Glu Ala Glu
50 55 60
Met Ser Pro Gln Glu Leu Gln Leu His Tyr Phe Lys Met His Asp Tyr
65 70 75 80
Asp Gly Asn Asn Leu Leu Asp Gly Leu Glu Leu Ser Thr Ala Ile Thr
85 90 95
His Val His Lys Glu Glu Gly Ser Glu Gln Ala Pro Leu Glu Val Asn
100 105 110
Ile Val Ser Pro Ser Ser Lys Ala Thr Phe Ser Pro Ser
115 120 125

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35 40 45

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<220>
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<220>
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22

<210> 14
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<212> PRT
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20 25 30

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<212> PRT
<213> Homo Sapiens

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1 5 10 15
Phe Cys Ala Pro Gly Ala Arg Ala Glu Glu Pro Ala Ala Ser Phe Ser
20 25 30
Gln Pro Gly Ser Met Gly Leu Asp Lys Asn Thr Val His Asp Gln Glu
35 40 45
His Ile Met Glu His Leu Glu Gly Val Ile Asn Lys Glu Ala Glu Met
50 55 60
Ser Pro Gln Glu Leu Gln Leu His Tyr Phe Lys Met His Asp Tyr Asp
65 70 75 80
Gly Asn Asn Leu Leu Asp Gly Leu Glu Leu Ser Thr Ala Ile Thr His
85 90 95
Val His Lys Glu Glu Gly Ser Glu Gln Ala Pro Leu
100 105